

08-10-01

A

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.

SP01-208

Total Pages

29

First Named Inventor or Application Identifier | Yijia Bao et al.

Title | TREATMENT OF SUBSTRATES FOR IMMOBILIZING BIOMOLECULES

Express Mail Label No.

EL689101503US

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. ☐ * Fee Transmittal Form
(Submit an original and a duplicate for fee processing)2. ☒ Specification [Total Pages 20]
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description

3. ☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets 6]

4. Oath or Declaration [Total Pages 3]

a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)i. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)a. ☐ Computer Readable Copyb. ☐ Paper Copy (identical to computer copy)c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))8. ☒ 37 C.F.R. § 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)9. ☐ English Translation Document (if applicable)10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations11. ☐ Preliminary Amendment12. ☒ Return Receipt Postcard (MPEP 503)
(should be specifically itemized)14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 08/

Prior application information: Examiner: TBA Group / Art Unit: TBA


For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

22928

or ☐ Correspondence address below

NAME	Thomas R. Beall				
ADDRESS	Corning Incorporated, SP-TI-3-1				
CITY	Corning	STATE	NY	ZIP CODE	14831
COUNTRY	USA	TELEPHONE	(607) 974-3921	FAX	(607) 974-3848
Name (Print/Type)	Thomas R. Beall			Registration No. (Attorney/Agent)	40,424
Signature				Date	August 9, 2001

FEE TRANSMITTAL for FY 2000

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Bao, Yijia
Examiner Name	TBA
Group / Art Unit	TBA
Attorney Docket Number	SP01-208

TOTAL AMOUNT OF PAYMENT (\$764.00)

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **03-3325**

Deposit Account Name **Corning Incorporated**

- ☒ Charge Any Additional Fees Required Under 37 C.F.R. §§ 1.16 and 1.17

2. ☐ Payment Enclosed:
☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
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101	710	Utility filing fee	\$710.00
106	320	Design filing fee	
107	490	Plant filing fee	
108	710	Reissue filing fee	
114	150	Provisional filing fee	

SUBTOTAL (1) (\$710.00)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
23	20** = 3	x \$18.00 =	\$54.00
Independent Claims	3 - 3** = 0	x \$80.00 =	\$ 0.00
Multiple Dependent			=

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code	Fee (\$)	Fee Description
103	18	Claims in excess of 20
102	80	Independent claims in excess of 3
104	270	Multiple dependent claim, if not paid
109	80	** Reissue independent claims over original patent
110	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$54.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2,520	For filing a request for reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840	Requesting publication of SIR after Examiner action	
115	110	Extension for reply within first month	
116	390	Extension for reply within second month	
117	890	Extension for reply within third month	
118	1,390	Extension for reply within fourth month	
128	1,890	Extension for reply within fifth month	
119	310	Notice of Appeal	
120	310	Filing a brief in support of an appeal	
121	270	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1,240	Petition to revive - unintentional	
142	1,240	Utility issue fee (or reissue)	
143	440	Design issue fee	
144	600	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Stmt	
581	40	Recording each patent assignment per property (times number of properties)_____x	
146	710	Filing a submission after final rejection (37 C.F.R. § 1.129(a))	
149	710	For each additional invention to be examined (37 C.F.R § 1.129(b))	

Other fee (specify) _____

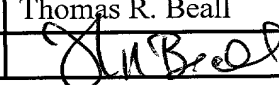
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$0.00)

SUBMITTED BY

Name (Print/Type) **Thomas R. Beall**

Signature 

Completed (if applicable)

Registration No. (Attorney/Agent) **40,424**


Date **August 9, 2001**

Attorney Docket No. SP01-208
Filing Date: August 9, 2001

Date of Deposit: August 9, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is Addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231

Signature



Thomas R. Beall

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09/09/01 09:09:01

(U.S.)

Attorney Docket No.: SP01-208

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Bao, et al

Serial No.:

Filed:

For: TREATMENT OF SUBSTRATES FOR
IMMOBILIZING BIOMOLECULES

**COMBINED
CERTIFICATE UNDER
37 C.F.R. § 3.73(b)
and
POWER OF ATTORNEY**

Assistant Commissioner for Patents
Washington, DC 20231

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

CORNING INCORPORATED, a New York corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above. A true copy of the unrecorded Assignment is attached hereto.

The undersigned has reviewed the above referenced assignment of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

(U.S.)

Attorney Docket No.: SP01-208

POWER OF ATTORNEY BY ASSIGNEE

CORNING INCORPORATED, the assignee of the full and exclusive right, title and interest in and to the accompanying application for United States Letters Patent entitled **TREATMENT OF SUBSTRATES FOR IMMOBILIZING BIOMOLECULES** and executed by Yijia Bao, Guangshan Li, Nalini Raghavachari, Mingqian He, Xinying Xie, Yuming Xie on 07-27-2001, 07-25-2001, 07-27-2001, 07-25-2001, 07-27-2001, 07-27-2001, respectively, appoints the practitioners associated with the Customer Number provided below (i.e., the practitioners associated with the Patent Department, Corning Incorporated) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith. Please direct all correspondence to Thomas R. Beall at the address associated with that Customer Number.

Customer Number: 22928



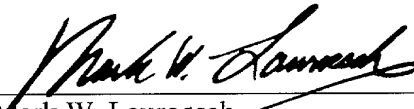
22928

PATENT TRADEMARK OFFICE

CORNING INCORPORATED

Date: AUGUST 9, 2001

By



Mark W. Lauroesch
Division Vice President and
Director, Intellectual Property Law